

**DECLARATION
and POWER OF ATTORNEY**

☒ ORIGINAL
☐ CONTINUATION
☐ DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-4, of the invention entitled:

THIN RADIATION SOURCE AND METHOD OF MAKING THE SAME

Which is described and claimed in:

- ☒ the attached specification or
☐ the specification in application Serial No. _____
☐ as amended on _____

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.

I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month/Day/Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119	
			Yes _____	No _____
			Yes _____	No _____

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

APPLICATION NO. Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NO.	Filing Date	Status – (patented, pending, abandoned)

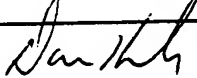

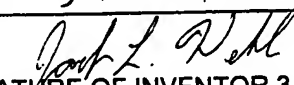
I hereby appoint

Paul N. Kokulis, Reg. No. 16773; Raymond F. Lippitt, Reg. No. 17519; G. Lloyd Knight, Reg. No. 17698; Carl G. Lov, Reg. No. 18781; Kevin E. Joyce, Reg. No. 20508; George M. Sirilla, Reg. No. 18221; Donald J. Bird, Reg. No. 25323; Peter W. Gowdey, Reg. No. 25872; Dale S. Lazar, Reg. No. 28872; Paul E. White, Jr., Reg. No. 32011; Glenn J. Perry, Reg. No. 28458; Kendrew H. Colton, Reg. No. 30368; G. Paul Edgell, Reg. No. 24238; Lynn E. Eccleston, Reg. No. 35861; Timothy J. Klima, Reg. No. 34852; David A. Jakopin, Reg. No. 32995; Mark G. Paulson, Reg. No. 30793; Stephen C. Glazier, Reg. No. 31361; Paul F. McQuade, Reg. No. 31542; Ruth N. Morduch, Reg. No. 31044; Richard H. Zaitlen, Reg. No. 27248; Roger R. Wise, Reg. No. 31204; Jay M. Finkelstein, Reg. No. 21082; Anita M. Kirkpatrick, Reg. No. 32617; Michael R. Dzwonczyk, Reg. No. 36787; W. Patrick Bengtsson, Reg. No. 32456; Jack S. Barufka, Reg. No. 37087; Steven W. Smyrski, Reg. No. 38,312; Eric S. Chen, Reg. No. 43,542; Adam R. Hess, Reg. No. 41835; Charanjit Brahma, Reg. No. 46,574; Keyvan Davoudian, Reg. No. 47,520; my patent attorneys of PILLSBURY WINTHROP LLP, with offices located at 725 South Figueroa Street, Suite 2800, Los Angeles, California, 90017 telephone (213) 488-7100, and

Send correspondence to Mr. Charanjit Brahma PILLSBURY WINTHROP LLP, 725 South Figueroa Street, Suite 2800, Los Angeles, California, 90017, and direct telephone calls to Mr. Charanjit Brahma, (213) 488-7188.

1	Full Name of Sole/First Inventor: DAN KALAS		Citizenship: USA
	Residence: NEWHALL CALIFORNIA (City) (State)		
	Post Office Address: 24006 Briardale Way, Newhall, California 91321		
	Full Name of Sole/Second Inventor: L. MICHAEL CUTRER		
2	Residence: CHATSWORTH CALIFORNIA (City) (State)	Citizenship: USA	
	Post Office Address: 22143 James Alan Circle, Chatsworth, CA 91311		
	Full Name of Sole/Third Inventor: JACK WEBB		
	Residence: VAN NUYS CALIFORNIA (City) (State)	Citizenship: USA	
3	Post Office Address: 13627 Sherman Way #306, Van Nuys, CA 91405		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE OF INVENTOR 1 	SIGNATURE OF INVENTOR 2 
DATE June 8, 2001	DATE JUNE 8, 2001
SIGNATURE OF INVENTOR 3 	SIGNATURE OF INVENTOR 4
DATE June 8, 2001	DATE

ASSIGNMENT

Attorney Docket No. 81206-243306

*(1-8) Insert Name(s) of
Inventor(s)*

(1) DAN KALAS (5)

(2) L. MICHAEL CUTRER (6)

(3) JACK WEBB (7)

(4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) NORTH AMERICAN SCIENTIFIC, INC.

*(10) Insert state of
Incorporation of Assignee*

(10) CALIFORNIA

*(11) Insert Address of
Assignee*

(11) of 20200 SUNBURST STREET, CHATSWORTH, CA.
91311

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

*(12) Insert identification of
Invention, such as Title,
Case Number or Foreign
Application Number*

(12) THIN RADIATION SOURCE AND METHOD OF
MAKING THE SAME

(Case No. 81206-243306)

for which the undersigned has (have) executed an application for patent in the United States of America

*(13) Insert Date of Signing
of Application*

(13) on June 8, 2001

1) The undersigned agree(s) to execute all papers necessary in connection with an application in each of the countries of Schedule A and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

6) The undersigned hereby appoints

Paul N. Kokulis, Reg. No. 16773; Raymond F. Lippitt, Reg. No. 17519; G. Lloyd Knight, Reg. No. 17698; Carl G. Love, Reg. No. 18781; Kevin E. Joyce, Reg. No. 20508; George M. Sirilla, Reg. No. 18221; Donald J. Bird, Reg. No. 25323; Peter W. Gowdey, Reg. No. 25872; Dale S. Lazar, Reg. No. 28872; Paul E. White, Jr., Reg. No. 32011; Glenn J. Perry, Reg. No. 28458; Kendrew H. Colton, Reg. No. 30368; G. Paul Edgell, Reg. No. 24238; Lynn E. Eccleston, Reg. No. 35861; Timothy J. Klima, Reg. No. 34852; David A. Jakopin, Reg. No. 32995; Mark G. Paulson, Reg. No. 30793; Stephen C. Glazier, Reg. No. 31361; Paul F. McQuade, Reg. No. 31542; Ruth N. Morduch, Reg. No. 31044; Richard H. Zaitlen, Reg. No. 27248; Roger R. Wise, Reg. No. 31204; Jay M. Finkelstein, Reg. No. 21082; Anita M. Kirkpatrick, Reg. No. 32617; Michael R. Dzwonczyk, Reg. No. 36787; W. Patrick Bengtsson, Reg. No. 32456; Jack S. Barufka, Reg. No. 37087; Paul G. Nagy, Reg. No. 37896; Steven W. Smyrski, Reg. No. 38312; Adam R. Hess, Reg. No. 41835; Eric S. Chen, Reg. No. 43542; Vivian S. Shin, Reg. No. 43919;

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

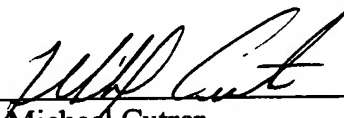
Date: June 8, 2001

Signature of Inventor


Dan Kalas

Date: June 8, 2001

Signature of Inventor


L. Michael Cutrer

Date: June 8, 2001

Signature of Inventor


Jack Webb